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Page 10 of 10

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Universal Approximation Theorem & Nash Embedding Theorems

critique criticus κριτικός critical judgement

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Turing Test AlphaGo dataset

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AlphaGo Zero is superhuman
AlphaGo AlphaZero MuZero

SAE level 4

ready ALphabet/Waymo SAE level 4 SAE level 4 ALphabet/Waymo

Reward Is Enough reward reward reward Reward

SAE level 4

Nash Embedding Theorems Word-embedding Vector Space

deep learning reinforcement learning

reward

Universal Approximation Theorem selfish gene

Leukotomy selfish gene Technological Singularity potentially a meta-solution to any problem Reward Is Enough liberal arts

A B C D

A.

1.

2.

3. Chaitin's constant

4.

5. 1 - 4

B.

6. relevance theory

7.

8. Grigori Perelman Poincaré conjecture

9. Demis Hassabis AlphaGo intuition intuition Demis Hassabis AlphaGo intuition AlphaGo a meta-solution to any problem

10. AlphaGo Nature superhuman performance

C.

11. form

12. motif

13. `truth` is a variable that holds the value `truth`.
What is the value of `truth`?

15. Freeman Dyson Birds and Frogs birds
frogs

17. selfish gene

19.

21. Turing Machine deterministic, probabilistic, etc.

23. word-embedding vector space, encoder-decoder, attention, transformer, BERT

25. Universal Approximation Theorem overfitting underfitting chaos phenomena

26. `reward` `Reward Is Enough`

27. selfish gene

28.

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Freeman Dyson

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AlphaGo Nature
SAE level 5 SAE level 4

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The Selfish Gene

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